Grouping of Fishery Issue Goals Draft: 1/23/2003

Issue

Sheet Goal

# Goals that Address At-Risk Species

- F1 Healthy native fish assemblage.
- F13 Restore populations of listed fish species.
- F2 Initiate efforts to minimize or eliminate adverse project related effects on IHN within project waters, and project affected waters prior to license application submittal
- F3 Minimize impact of stocked resident and introduced fish on wild, anadromous salmonids.
- F9 Minimize and mitigate hatchery impacts on naturally produced salmonids.
- F10 Increase natural production of steelhead, spring-run and fall-run chinook salmon and other anadromous fish.
- F1 Minimize and mitigate adverse project related effects on fish and aquatic resources.
- F2 Minimize or eliminate adverse project related effects on fish diseases within project waters, and project affected waters.
- F11 Minimize and mitigate adverse project impacts on habitat, genetic integrity and population size of anadromous fishes.
- F13 Minimize and mitigate adverse project impacts on habitat, genetic integrity and population size of listed species.
- F13 Increase natural production of steelhead and spring-run chinook.
- F15 Provide populations of anadromous fish sufficient to support desired fisheries and ecological functions.
- F15 Minimize the effects of non-endemic pathogens carried by anadromous fish transported to the upper watershed.

#### Goals that Address Habitat

- F3 Enhance habitat for resident aquatic species.
- F6 Enhance aquatic habitats through alteration of geomorphic processes.
- F14 Minimize and mitigate adverse project impacts on habitat, genetic integrity and population size of anadromous fishes.
- F6 Minimize and mitigate project impacts that harm aquatic habitats by altering geomorphic processes or degrading water quality.
- F12 Minimize and mitigate adverse project effects on regional fisheries and habitat.
- F15 Minimize and mitigate adverse project-related effects on anadromous fish passage and ecological functions.
- F10 Minimize and mitigate adverse project impacts on habitat, genetic integrity and population size of anadromous fishes.
- F3 Minimize or mitigate adverse project related effects on the habitat of resident fish.
- F9 Continued mitigation for loss of anadromous fish spawning habitat in the Feather River

## **Goals that Address Sport and Commercial Fishing**

- F1 Cold- and warm-water fisheries sufficient to support desired recreational and commercial fisheries.
- F2 Healthy freshwater and ocean fishery
- F3 Provide cold- and warm-water fisheries sufficient to support desired recreational and commercial (bait, crayfish, etc.) fisheries.
- F5 Minimize and mitigate adverse project related effects on a balanced warm and cold water fishery.
- F5 Provide a balanced warm and cold water fishery
- F7 Minimize and mitigate adverse project effects on interactions between lake and tributary fish populations.
- F7 Enhance tributary and lake fisheries.
- F9 Provide populations of anadromous fish sufficient to support recreational and commercial fisheries.
- F10 Provide populations of anadromous fish sufficient to support desired recreational and commercial fisheries.
- F11 Provide populations of anadromous fish sufficient to support desired recreational and commercial fisheries.
- F12 Fisheries sufficient to support desired recreational and commercial fisheries.
- F14 Provide populations of Chinook salmon sufficient to support desired recreational and commercial fisheries.

### **Goals that Address Fish Passage**

- F4 Minimize and mitigate adverse project related effects on the passage of resident fish.
- F4 Enhance passage of resident fish
- F15 Provide for upstream passage of anadromous fish.

#### **Goals that Address Predation**

F16 Minimize adverse project impacts that increase predation pressure on salmonids and other species beyond natural or expected rates.